

Communications Products - ART & DESIGN

AT1 - Specialised Skills Task 3

ASSESSMENT 2 – MATERIALS TESTING

GREEN SCREEN / CHROMA KEY TESTING - RESEARCH PROJECT

"Green Screen (Chroma key compositing) is a procedure wherein two images can be mixed, the image in front is removed in order to reveal the image that is behind it. This technique is used from weather forecasting to making of blockbuster feature films." (http://en.wikipedia.org/wiki/Chroma_key)

Using a camera, photoshop and IMovie test green screen effects

Intro (200 words)

What is green screen / chroma key used for ?

When was it first developed, list early uses ?

Techniques (200 words)

- Research techniques for creating green screen effects
- List famous films that use green screen
- *Reference your information*

Testing

- Use a camera, photoshop & IMovie
- Import the film / stills into IMovie
- Take screen shots (shift, command, 4)
- Undertake a range of tests for example:
 - Test 1 - Green Fabric v's Blue Card
 - Test 2 – Green v's Blue clothes & selection when importing in IMovie
 - Test 3 - Green colour using photoshop - test a range of greens (hues)
 - Test 4 - Still images v's film images

Write Up

- Place your images in Pages – label each test / describe your process (200 words)
- Comparative Reflection – what green screen effects were the most effective why (200 words)
- How might you use green screen effects in your communications product?

ASSESSMENT CRITERIA – *Investigating, Planning, Evaluating*

I4 Investigation of product material options and analysis for product use.

PI3 Testing, modification, and validation of ideas or procedures.

E2 Evaluation of the effectiveness of the product or system realisation process.

RESOURCES:

http://en.wikipedia.org/wiki/Chroma_key

http://support.apple.com/kb/PH2245?viewlocale=en_US

<http://vimeo.com/videoschool/lesson/263/green-screen-basics>

<http://www.mediacollege.com/video/special-effects/green-screen/>

<http://zephyrphotoworks.com/greenscreenDetail/136>